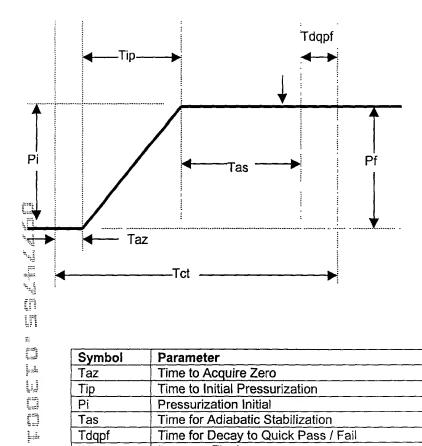


F16.1

FPT 3000 Evaporative System Pressure Tester

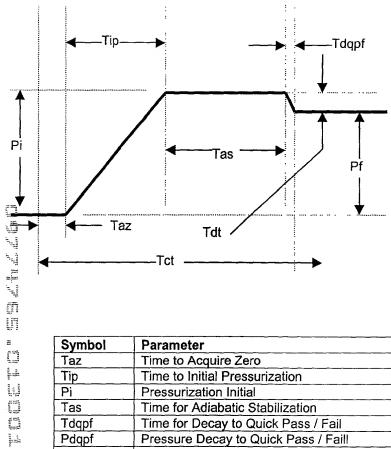
4 81/ To All Circuits Pass/Fail Testing Leds Fused Power Supply Earth ground Lug + 12V + 5 V 200 \$2 83 s 1 7 20 720 76 Led Drive S 1 Drive S 2 Drive S 3 Drive Beeper Manual Bank Select (1-4) -80 64 72 256 K Flash Memory Flash Control Logic 32 K SRAM Output Latch Output Latch 8 Electronics Block Diagram Address Decode 79 20 Watchdog Reset Start Test Switch W / Internal Boot Rom 80c32 Processor 84 27 Level Shift 128 Byte / Serial EEprom Current Source RS-232 Level Convert Power Source Sense S 12 Bit Dac RS - 232 Data Mixer & Pass through 20 58 Instrumentation Amplifier Pressure Transducer Boot Rom Enable Voltage Comparator Filter GCT Port EIS Port

F16.2



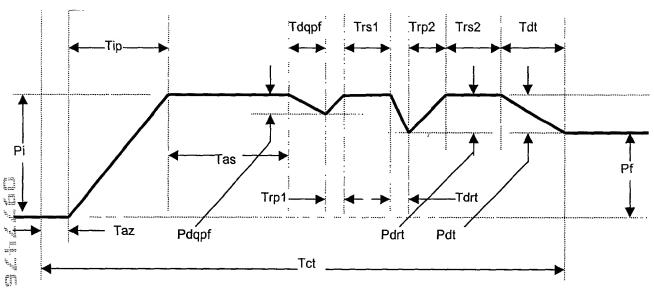
Symbol	Parameter	Тур.	Unit
Taz	Time to Acquire Zero	5	Seconds
Tip	Time to Initial Pressurization	60	Seconds
Pi	Pressurization Initial	14.5	Inches H20
Tas	Time for Adiabatic Stabilization	60	Seconds
Tdqpf	Time for Decay to Quick Pass / Fail	30	Seconds
Pf	Pressure Final	14.5	Inches H2O
Tct	Time to Complete Test	155	Seconds

FIG.3



Symbol	Parameter	Typ.	Unit
Taz	Time to Acquire Zero	5	Seconds
Tip	Time to Initial Pressurization	60	Seconds
Pi	Pressurization Initial	14.5	Inches H20
Tas	Time for Adiabatic Stabilization	60	Seconds
Tdqpf	Time for Decay to Quick Pass / Fail	5	Seconds
Pdqpf	Pressure Decay to Quick Pass / Faill	0.75	Inches H2O
Pf	Pressure Final	14.5	Inches H2O
Tct	Time to Complete Test	130	Seconds

F16.4



Symbol	Parameter	Тур.	Unit
Taz	Time to Acquire Zero	5	Seconds
Tip	Time to Initial Pressurization	60	Seconds
Pi	Pressurization Initial	14.5	Inches H20
Tas	Time for Adiabatic Stabilization	60	Seconds
Tdqpf	Time for Decay to Quick Pass / Fail	20	Seconds
Pdqpf	Pressure Decay to Quick Pass / Fail	0,75	Inches H2O
Trp1	Time to Recover Pressure 1	5	Seconds
Trs1	Time to Recover Stability 1	30	Seconds
Tdrt	Time for Decay Reference and Tank	20	Seconds
Pdrt	Pressure Decay for Reference and Tank	1.5	Inches H2O
Trp2	Time to Recover Pressure 2	10	Seconds
Trs2	Time to Recover Stability 2	30	Seconds
Tdt	Time to decay Tank	40	Seconds
Pdt	Pressure Decay Tank	1.5	Inches H20
Pf	Pressure Final	13.0	Inches H2O
Tct	Time to Complete Test	280	Seconds

F16.5